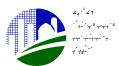
# OREGON CROP WEATHER



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Weather: Cooler temperatures prevailed across the State for much of the week. This was most noticeable in south central Oregon, with temperatures as much as 8 degrees below normal. Precipitation was moderate, with rainfall along the coast as much as 0.79 inches below normal and rainfall in southwest Oregon as much as 0.58 inches above normal. Wallowa County experienced intermittent snowfall, along with accompanying cool temperatures. Klamath County reported high temperatures from 50 degrees to 70 degrees, along with lows ranging from 28 degrees to 38 degrees. Corvallis and The Dalles were the only sites with growing degree days above normal.

**Field Crops:** Spring planting and fertilizing continued Statewide as weather permitted. In Wasco County, soil moisture was adequate but more rain is needed. Winter wheat was in good condition and growing rapidly. Spring planting of cereal crops was winding down. In Malheur County, winter wheat and hay looked good and sugarbeets were mostly planted. In Klamath County, spring preparation work continued and grain planting began. In the Willamette Valley, rain slowed field work. In Marion County, a few early varieties of tall fescue, orchardgrass and fine fescue were beginning to head out. There was some early mildew showing up in some winter wheat fields. In Jackson County, spring grain seeding was winding down.

Vegetables: Some limited activity in spring vegetable fields but most areas too cool for planting. Rhubarb in western Oregon nearing picking stage. Some already done. Most onions have been seeded in Jackson county. Malheur county onions were mostly planted and potato planting started in some early fields. Klamath potato growers were receiving seed for potato planting.

Nurseries and Greenhouses: Nurseries still shipping balled and burlapped and container material to interstate markets. Container plants were being rotated and irrigated. Greenhouses shipping bedding plants to retail outlets. Spring bulb festivals were winding down. Spring plant sales were starting with a major plant sale this weekend at the Vancouver, Washington, Home and Garden show.

Fruit: Willamette Valley fruit trees continued in various stages of bloom. Berry crops advanced in leaf growth. Brown rot blossom sprays and eastern hazelnut sprays were applied in Yamhill County. In the lower Hood River Valley, d'Anjou pears were at full bloom to petal fall; Red Delicious apples were at full pink to first bloom; cherries were at full bloom; and Pinot Noir grapes were at bud burst. Frost protection was needed in Hood River and Wasco counties over the weekend as temperatures dipped into the upper twenties. Cherry blossom petals were dropping towards the end of the week in Wasco County. Apple trees continued in full bloom. The southern coast blueberry bloom continued with new foliage more visible. Recent cool, wet weather has begun to slow fruit tree development in Jackson County.

Livestock Range and Pasture: Range and pasture conditions continued to be in mostly fair to good condition despite pasture growth being hampered by cooler temperatures. In Washington County and along the southern coast, water stood on lowland pastures. Some supplemental feeding continued. Livestock reported to be in good condition, including spring calves and lambs.

## Crop Progress Week Ending 4/20/03

	This week	Previous week	Last year	5 year average
All Barley planted (%)	66	59	75	79
All Barley emerged (%)	42	28	53	
Spring wheat planted (%)	86	78	90	86
Spring wheat emerged (%)	50	48	72	
Days suitable for fieldwork	6.1	5.2	_	

#### Soil Moisture Week Ending 4/20/03

	Very short	Short	Adequate	Surplus
Topsoil (%)	1	15	74	10
Subsoil (%)	15	26	51	8

### Crop Condition Week Ending 4/20/03

	Very				
	poor	Poor	Fair	Good	Excellent
Winter Wheat %		19	49	21	11
Barley condition %		4	56	21	19
Range & Pasture %	4	12	31	42	11

#### WESTERN OREGON

CLACKAMAS: The week showed a little improvement in temperatures but there was still over an inch and a half of rain. Fall seeded grains were in good shape with limited applications of fertilizer and pesticides. Hay crops were showing signs of approaching normal. Berry tree fruit crops were advancing in leaf growth. Bartlett pears were in bloom. Some limited action in spring vegetable fields. Rhubarb will soon be ready. Nurseries still shipping balled and burlapped and container material to interstate markets. Greenhouse operators supplying local retail outlets with a good supply of floral and vegetable materials. Livestock in good condition.

COOS/CURRY: Blueberry bloom continued with new foliage more visible. Blackheaded fireworm larvae were reported in some cranberry beds in mild winter microclimates near the ocean. Some Easter lily growers took time to judge breeding stock in bloom at the annual Easter Lily Research Foundation Greenhouse Day. Pasture and range conditions continue to be fair, but most are not recovering as normal. Cool temperatures continued to hamper growth of forages on pastures along rivers. Lowlands continued to be inundated. There have been cooler air temperatures than the previous week. Soil temperatures were changed somewhat, but growing degree days were reduced. Sunshine prevailed on April 18 & 19. Average air temperatures at coastal AgriMet weather stations ranged from 48.2 to 49.6 degrees F, highs ranged from 56.7 to 58.7 degrees F, and lows ranged from 38.5 to 42.5 degrees F. Precipitation ranged from 1.00" at Bandon to 1.51" at Brookings-Harbor. Growing degree days (base 50 deg F) ranged from 15 GDD at Bandon to 18 GDD at Brookings-Harbor.

JACKSON: Grains were in final seeding; getting more sun and looking better. Alfalfa was seeded along with pastures. Soil being prepared for corn and vegetables. Due to cool, wet temperatures, tree development and bloom had slowed. Full bloom dates for pears are: Anjou pears - March 30, Bartlett pears - April 8, Comice pears - April 9, and Bosc pears - April 11. While development was ahead last month, we are now within one or two days of normal. Sprays for pear scab and fire blight being applied. Most onions have been seeded. Still too cool for vegetable crop planting. Nurseries busy with spring sales. Livestock looking good, as pastures are now up enough to support most animals. New calves, sheep,

horses and others are with their mothers. Weather has been too cool and wet for field work. The county is five inches of rain ahead for the rain year. Lots of farm and ranch chores to be done while the rains continued.

JOSEPHINE: Measurable precipitation five days out of seven. Cooler than normal first of week; mild rest of the week. Soil too wet to work with equipment but lots of other field work being addressed. Pruning of blooming shrubs and trees that are done blooming, planting of perennials, annuals, trees and permanent shrubs are all being done at this time. Animals appear to be in good health.

MARION: Wet conditions continued. Fertilizer and herbicide applications on grass and grain fields were being completed as field conditions allowed. A few of the early varieties of tall fescue, orchardgrass and fine fescue were beginning to head out. Some early mildew showing up in some winter wheat fields.

WASHINGTON: Red clover growing well. Alfalfa responding to warmer weather and longer days. Some seeding being done on drier bench ground. Strawberries blooming. Caneberries leafing out. Blueberries blooming in early varieties. Hazelnuts leafing. Rhubarb nearing picking stage; some already in sauce or pies. Bedding plants being sold. Rotating and irrigating container plants. Balling and shipping large trees. Selling bare root nursery stock. Pastures still wet and soggy. Much standing water on lowlands.

**YAMHILL:** Eastern hazelnut blight sprays were being applied. Fertilizer applications were being made on hazelnuts. Brown rot blossom blight sprays were being applied on cherries.

2 Oregon Crop Weather 3-03

### **EASTERN OREGON**

**HARNEY:** Field crops starting to grow. Field work being done. Flood irrigation on wild hay. Cool weather slowed grass growth but soil moisture is still pretty good. Cool, windy days, with freezing at 19 degrees. Branding and turnout continued as weather permitted.

HOOD RIVER: In lower Hood River Valley, d'Anjou pears were at full bloom to petal fall. Red Delicious apples at full pink to first bloom (WSU stages 6 & 7); cherries at full bloom (WSU stage 8); Pinot noir grapes at bud burst (Eichhorn-Lorenz stage 5). Intermittent rain has resulted in sporadic pear and apple scab infection periods in most areas of the Hood River Valley. Moderate temperatures have kept fire blight risk and frost danger generally low. Frost protection occurred Saturday morning in some locations in response to low temperatures in the upper twenties.

KLAMATH: Spring preparation work continued. Grain planting beginning. Fumigation of fields underway. Receiving seed for potato planting. Some hay feeding continued. Limited pasture-to-pasture movement. Cool weather causing slow forage growth.

LAKE: Many people have turned out livestock on the desert. The grass growth there is slow, due more to low soil temperatures rather than low soil moisture. With warmer days, growth should improve.

MALHEUR: Winter wheat and hay looked good. Sugar beets mostly planted with some wet fields to be planted. Maturity varies from four leaf to newly planted. Few fields replanted due to wind, frost and other problems. Onion conditions similar to sugar beets. Corn planting started. Potato planting started on some early fields. Water is in the main ditches. High temperatures ranged from 50 degrees to 70 degrees, low temperatures from 28 degrees to 38 degrees. Still a few showers but no significant rainfall; however, there has been some wind.

**WALLOWA:** The week was pretty bad for getting spring crops in. It has been raining and snowing off and on all week. The grass is growing and the livestock are ready to turnout. Warmer weather would be greatly appreciated for the fall crops to keep growing.

WASCO: Field work continued with spring seeding, field tillage and chemical summer fallow. Constant wind hampering field spraying. Soil moisture is adequate as spring progresses, but rain is always welcome. Winter wheat in good condition and putting on rapid growth. Spring planting of cereal crops winding down. First seeded fields starting to show color. Cherry blossom petals were dropping by end of week. Cherry trees were leafing out and frost fans were used several nights. Irrigation was noted in a number of fruit orchards. Apple trees were still in full bloom. Nighttime temperatures were near freezing at midweek, while daytime temperatures were in the fifties. Range and pasture grasses started heading, while alfalfa plants were putting on good growth. Livestock producers mended fences and worked cattle. The Dalles Cherry Blossom Festival is scheduled for Saturday, April 26th.

Oregon Crop Weather 3-03 3

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WEATHER	DATA	FUR	SELECTED	STATIONS	ΙN	OREGON	WEEK	ENDING	ADTLL	ZU.	2003	las	OI	TT:00	am)

		AIR TE	MPERATUF	RE	GROW DEGREE				AST WEEK PRECIP			SEASON CUM PRECIPITATION				
							TOTAL	COTAL		TOTAL		PCT				
STATION	LO	ΗI	AVG	DFN	TOTAL	DFN	INCHES	DFN	DAYS	INCHES	DFN	NORMAL	DAYS			
COASTAL AREAS	ļ															
Astoria/Clatsop	38	59	48	0	1	-6	0.00	-0.49	5		-2.16	96	142			
Crescent City	41	57	50	-1	5	-16	1.40	0.42	5	52.74	-5.66	90	101			
Florence	36	63	49	-2	1	-13		0.11	6		3.75	106	128			
North Bend	37	54	48	-2	0	-14		0.06	6		3.44	106	124			
Tillamook	36	60	48	1	2	-5	0.54	-0.79	6	77.03	1.09	101	136			
WILLAMETTE VALLEY																
Corvallis	37	66	52	3	16	2		-0.25	4		-6.52	83				
Eugene	37	64	50	-1	5	-16		-0.23	4	36.41	-6.94	84	119			
Hillsboro	37	62	50	1	7	-9	0.53	0.07	3		0.36	101	120			
McMinnville	35	62	50	-2	6	-13		-0.35	5		-2.61	93				
Portland	41	62	52	1	16	-5		-0.06	3		-0.10	100	121			
Salem	35	64	50	2	6	-8	0.41	-0.12	5	35.23	1.31	104	123			
SW VALLEYS	ļ															
Grants Pass	33	69	49	-5	2	-32		0.34	4		1.61	106	91			
Medford	35	67	50	-2	7	-21		0.30	5		3.90	124	89			
Roseburg	36	68	51	-1	8	-20	1.08	0.58	5	28.93	0.20	101	108			
NORTH CENTRAL	ļ															
Condon	27	61	43	-2	0	-7		0.35	4		-0.77	92	81			
Heppner	32	64	48	0	1	-15		0.04	4		-0.42	96	83			
Hermiston	28	71	51	-1	14	-14	0.16	0.02	3		-0.53	92	66			
John Day	29	68	45	-3	3	-11		-0.10	3		-0.61	93	78			
Moro	30	65	47	0	4	-7		0.09	2		0.36	104	66			
Pendleton	29	71	49	-2	8	-15		-0.19	2	J . 00	0.44	105	82			
The Dalles	34	71	52	5	16	2	0.25	0.07	2	12.88	2.64	126	77			
SOUTH CENTRAL					_	_			_							
Bend	26	63	43	-2	0	-7		-0.06	2		-3.31	62	46			
Burns	20	65	39	-5	0	-7		-0.13	1		-1.24	82				
Klamath Falls	22	58	38	-8	0	-11		-0.09	1		-1.93	82	65			
Lakeview	19	59	37	-7	0	-7		-0.28	0		-8.68	26	37			
Redmond	20	67	42	-3	0	-7	0.06	-0.06	2	4.25	-1.68	72	53			
NORTHEAST																
Baker City	20	66	42	-4	0	-8		0.00	4		-1.53	76	69			
Joseph	27	54	40	-2	0	-7		-0.16	5		-4.64	75	105			
La Grande	25	68	44	-3	0	-14		-0.12	3		-4.80	61	76			
Union	26	62	45	-2	0	-14	0.45	0.17	5	10.62	2.03	124	89			
SOUTHEAST	0.5			_	_		0 0 0	0 4 -	_	- 0.						
Ontario	31 19	75 68	50 42	-2 -6	6 0	-24 -15	0.03	-0.11	3		-1.41	81 70	60 51			
Rome	⊥9	80	42	-6	U	-15	0.11	-0.03	3	J.01	-1.58	70	51			

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